

List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 4 (Cancelled).

5. (Previously Presented) A method for producing software modules for field devices for process automation technology, that encapsulate all the data and functions of the corresponding field devices, wherein the software modules serve as device descriptions and have defined interfaces for application programs in process control systems, comprising the steps of:

generating syntactically correct standard device descriptions from PDM device descriptions, HCF device descriptions or company specific electronic device descriptions for field devices not having a uniform form, or language by means of a first compiler or generator; and

converting the syntactically and semantically correct standard device descriptions further into corresponding software modules by means of a second compiler.

6. (Previously presented) The method as claimed in claim 5, wherein: interfaces and the software modules meet the FDT/DTM specifications.

7. (Previously presented) The method as claimed in claim 5, wherein: the electrical device descriptions are one of: PDM device descriptions, HCF device descriptions or company-specific device descriptions.

8. (Currently amended) The method as claimed in claim 5, wherein: the syntactically and semantically correct standard device descriptions are EDD 1.1 device descriptions.

9. (Currently amended) The method as claimed in claim 8, further comprising the step of:

producing the EDD 1.1 device descriptions from PDM device descriptions

10. (Previously presented) The method as claimed in claim 8, further comprising the step of:

using the second compiler to produce graphical user interfaces in XML language from the EDD 1.1 device descriptions.